

HEALTHCARE LIGHTING

Lighting That Redefines Hospital(ity)

Choosing a healthcare provider is one of the toughest decisions we face, and the quality of a facility is one of the biggest deciding factors in the selection process.

Lighting plays a critical role in the healthcare environment, influencing the perceived quality of service and the overall patient experience. The right illumination creates a welcoming and comforting environment for patients and their families, while reducing fatigue and optimizing safety for their caregivers. From outdoor landscaping to indoor waiting areas, lighting differentiates one facility from another in a highly competitive market.

Critical Savings for Care Providers

Healthcare facilities are energy intensive buildings; almost 50% of their electricity costs can be attributed to lighting, according to the Department of Energy. In a facility that operates 24/7, lighting efficiency can have a dramatic impact on the bottom line.

Through a simple lamp replacement, or upgrade of existing fixtures, the long service life and high efficiency of MaxLite's LED lamps and fixtures can cut a facility's energy consumption and lighting maintenance costs by up to 70-80%. For full-scale renovations or new constructions, MaxLite offers a full range of architectural-grade luminaires that increase visual appeal while delivering leading-edge efficiency.

Putting the Safety of Patients and Staff First

MaxLite offers a full portfolio of lighting solutions designed to optimize safety



in hospitals, medical and imaging centers, doctor's offices, veterinary clinics and other healthcare environments. From soft ambient to bright-white light, MaxLite LEDs deliver high quality illumination free of mercury and ultra-violet rays. Our ceiling panels and fixtures are shatter-resistant and can easily be wiped clean to prevent the spread of bacteria in germ-free medical environments.

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Flat Panels

MaxLite's high-performance LED Flat Panels replace traditional fluorescent troffers with state-of-the-art LED technology. These brushed aluminum panels produce a gently dispersed, flicker-free light that is brighter than fluorescent sources and more accurately renders color.

In addition to their excellent light output and appearance, MaxLite's LED Flat Panels are fully dimmable with 0-10V dimming systems, also allowing for their installation in conjunction with daylight harvesting system. They offer exceptional energy efficiency while delivering maintenance-free operation for 50,000 – 150,000 hours – eliminating the need for endless lamp change outs.



ArcMAX Volumetric LED Panels

DesignLights Consortium®-qualified ArcMAX™ Volumetric LED Panels offer a high performance optic system and architectural styling at an unprecedented value for the specification community. Offered in double and single basket designs, the ArcMAX delivers excellent color rendering and smooth light output from ceiling to floor.



FlatMAX® Edge Lit LED Flat Panels

Offering the slimmest profile in MaxLite's family of flat panels, FlatMAX® Edge Lit LED Flat Panels are ideal for installations that require two inches or less depth. The panels were recognized in 2011 with the Lighting for Tomorrow Honorable Mention for their superior efficacy and sleek design.



Direct Lit LED Flat Panels

Designed for drop in ceilings, Direct Lit LED Flat Panel Performance and Saver Series that are high-efficacy replacement for fluorescent fixtures in applications requiring only a minimal installation depth. DesignLights Consortium®-qualified and rebatable models are available.



FlatMAX® MRI LED Flat Panels

Designed specifically for medical imaging applications, MaxLite's FlatMAX MRI LED Flat Panels operate with a remote driver for installations where it is necessary to separate the electrical supply from the lighting fixture. A high-performance, energy-efficient alternative to fluorescent panels, the LED fixtures are constructed of aluminum and non-ferrous materials to minimize any MRI interference.

Up to eight panels can be linked and controlled from a single driver; this reduces the average cost per panel as more panels are linked in a single system. The fully dimmable flat panels are compatible with building controls, motion sensors, timers and daylight harvesting systems.



ECO-T LED Recessed Troffer

Selected as a Money-Saving Product by BUILDINGS magazine, the ECO-T™ LED Recessed Troffer is a cost-effective alternative to traditional fluorescent fixtures designed for drop ceilings.

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Case Study:

MaxLite Delivers Energy Efficient LED Flat Panels in Bellevue Hospital in Manhattan



Bellevue Hospital Center in Manhattan, America's oldest public hospital, sought energy efficient lighting for use in the family suite of the Barbara P. Gimbel NeoNatal Unit, but the suite's six-inch ceiling cavity posed a significant challenge in selecting new fixtures. Working closely with Frank Albani of Monarch Electric, the hospital elected to install 36 of MaxLite's Edge Lit LED Flat Panels to provide general and ambient lighting for the facility's varying uses, which include a space for 24-hour family visitations and child developmental classes, medical consultations, CPR training, and a private place to make a phone call or relax.

The panel's shallow, 1.6-inch depth enabled easy installation into the facility's small ceiling cavities. The fixtures are also compatible with the healthcare centers' control systems and programmable, so they can be switched on/off and dimmed for the visual comfort of family members enduring long stretches of time at the hospital while their premature or critically ill infant receives intensive care.

"Bellevue's Engineering Department chose MaxLite's flat panels as part of its state-of-the-art design in the Neo-Natal Unit for their even light distribution, dimming qualities, and shallow depth."

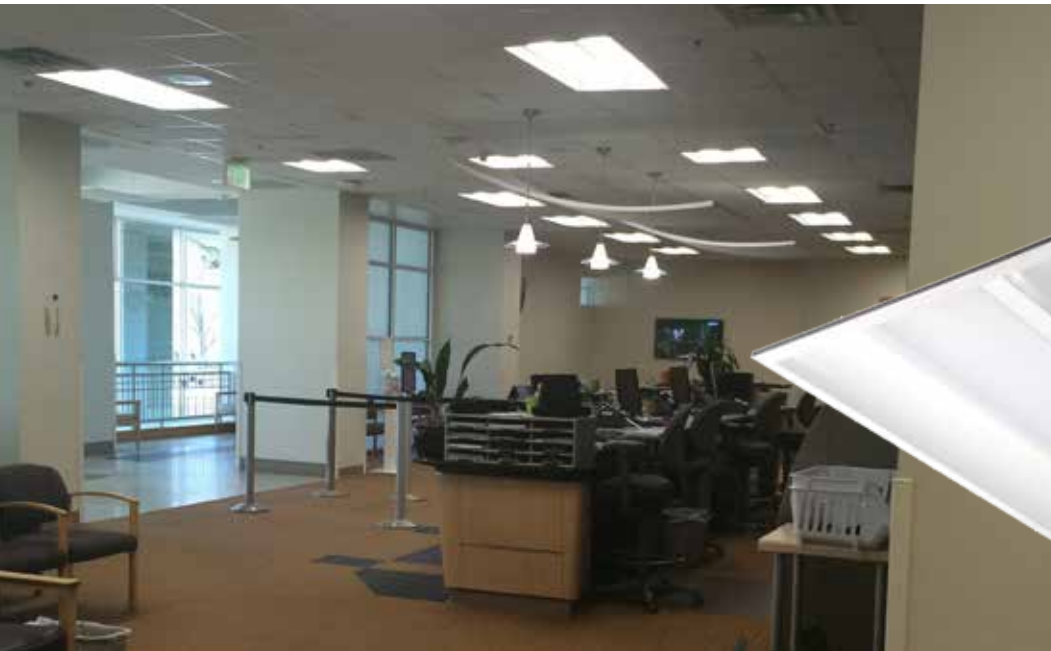
-- Leszek Nadler
*Sr. Electrical Engineer,
Facility Management Design*



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Case Study:

Kaiser Permanente Franklin Medical Offices



“With the new LED fixtures, every area is evenly lit. As soon as you walk into the lobby, you can see the brightness and the difference it makes. The staff and patients noticed it right away”

-- Wahid Benabbas

*Certified Reliability Engineer
Kaiser Permanente*



Kaiser Permanente Franklin Medical Offices, a full-service medical and surgical center in Denver, Colorado, installed more than 5,000 MaxLite LED ceiling panels, replacement lamps and parking fixtures in a large-scale lighting renovation designed to improve the quality of lighting in the facility while simultaneously lowering energy and maintenance expenses.

The building had a variety of different types of fluorescent fixtures and troffers that needed to be replaced. The majority of the troffers required a fixture with an upscale appearance that was sealed to keep dust and insects out. Ellie Fargher and the team at SoGoGreen LED Lighting, selected MaxLite's ArcMAX LED Volumetric Panels for its efficiency and high-end design to replace more than 2,400 fluorescent fixtures in offices, corridors, reception and waiting areas throughout the building.

The ECO-T LED Recessed Troffer was also installed in corridor ceilings. MaxLite's LED Commercial and Recessed Downlight Retrofits in four-, six- and eight-inch apertures were used for general hallway and waiting area lighting applications, while hundreds of LED T8, PL, BR, MR16 and A19 replacement lamps were installed in fixtures throughout the building. The parking garage outside the medical center also received a lighting upgrade with the installation of 390 LED Vapor Tight fixtures.

By choosing MaxLite LED lamps and fixtures that were eligible for utility rebates, Kaiser Permanente Franklin Medical Center saved nearly \$220,000 on the up-front cost of the fixtures. Making the switch from fluorescent and incandescent light sources to LED will save the center \$80,211 annually in energy costs.

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Case Study:

MaxLite Delivers Energy Efficient LED Flat Panels in Englewood Hospital in NY Metro Area



Englewood Hospital and Medical Center in Englewood, New Jersey, installed MaxLite's LED Flat Panels in its Radiology viewing offices. The new bright white luminaires help create a more visually comforting space for employees and are controlled with an IR remote. The LED panels were chosen for their shadow-free even illumination and smooth dimming capability. Through the use of the LED flat panels, doctors now view x-ray films and imaging procedure results on digital screens with accurate detail. Additionally, medical professionals and radiologists are now able to transition to brighter light for other tasks such as consultations, examinations, office management and administration functions.

"We need subdued light to view the screens for accurate readings, but with the easy capability to transition to brighter light for other tasks."

-- Joseph Sudan

Radiology Administrator, Englewood Hospital



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Outdoor Lighting	Reception	Patient Rooms	Exam Rooms	Imaging Rooms	Waiting Rooms	Offices	Corridors	Facade	Outdoor/Parking
Adjustable Wall Packs								✓	✓
Full Cutoff Wall Packs								✓	✓
Small and Large Wall Packs								✓	✓
Small and Large Floods								✓	✓
Parking Garage Canopies									✓
Canopies									✓
Area Lights									✓
Security Lights									✓
X-Large Area Light									✓



Downlights	Reception	Patient Rooms	Exam Rooms	Imaging Rooms	Waiting Rooms	Offices	Corridors	Facade	Outdoor/Parking
Commercial Downlights	✓	✓	✓		✓	✓	✓		
Recessed Downlight Retrofits	✓	✓	✓		✓	✓	✓		
Adjustable Downlight Retrofits	✓	✓	✓		✓	✓	✓		

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A warm, welcoming light puts patients and their loved ones at ease



Flexible lighting makes patients feel more at home and allows staff to work efficiently



Quality lighting makes staff and patients feel secure walking to their cars

Customer Support

MaxLite offers a full range of complimentary services to support your lighting projects:

- Facility audits
- ROI calculations
- Local representation
- Lighting layouts
- Utility rebate assistance
- Lifetime product service

Utility Rebates Reduce Upfront Costs

While the long-term savings make LED the obvious choice over other lighting sources, utility rebate programs can reduce the overall cost of ownership. MaxLite offers many fixtures and lamps that are ENERGY STAR or DesignLights Consortium (DLC) qualified, making them eligible for nationwide rebate programs. We will work with you to transform the lighting in your buildings and facilities, while ensuring your upfront investment is paid back as quickly as possible. Our utility solutions team will even complete the rebate paperwork for you!

Why MaxLite?

MaxLite has more than 20 years of experience providing certified energy-efficient lighting solutions to the commercial building and residential markets. One of the first movers into LED technology in the industry, MaxLite offers an extensive line of state-of-the-art indoor and outdoor LED lamps and luminaires. We are a four-time recipient of the prestigious ENERGY STAR® Partner of the Year Award for our industry leadership and continue to be at the forefront of energy efficient technologies through the innovative research and development capabilities of our New Jersey headquarters and California facility.

MaxLite supports its products with the highest standards of quality assurance and customer support. We keep our products in stock and available for immediate purchase and delivery, shipping within the United State in one to three business days on standard orders. We are the lighting company that delivers certified quality LED solutions when you need them, and keeps delivering when you need us.



12 York Ave.
West Caldwell, NJ 07006

T: 1-800-555-5629

F: 973-244-7333

www.maxlite.com